



PATENTS
112008-0027C1

12/D
P. Miller
01/03/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
John Abedor, et al)
Serial No.: 09/441,003)
Filed: November 16, 1999)
For: ESTIMATING TAPE PACK)
RADIUS USING A KALMAN)
FILTER)

Examiner: Nguyen, John

Art Unit: 3653

12/27/2001 MGE BREM1 00000003 09441003

01 FC:102	168.00 OP	✓
02 FC:103	216.00 OP	✓
03 FC:104	280.00 OP	✓

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
December 19, 2001

"Express Mail" Mailing-Label Number: EL 705 607 091 US

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

AMENDMENT

This Amendment is filed in response to the Office Action dated November 27, 2001.

RESTRICTION REQUIREMENT

In response to the Restriction Requirement Applicant elects Group I, claims 1, 2, 4-27, and 30-33.

IN THE CLAIMS

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12-26-01

B6.53 \$

PATENTS
112008-0027C1



Honorable Commissioner of Patents and Trademarks
Washington, DC 20231

AMENDMENT TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the Patent Application of

Inventor(s): John Abedor, et al

For: ESTIMATING TAPE PACK RADIUS USING A
KALMAN FILTER

Serial No.: 09/441,003

Filed: November 16, 1999

are the following papers:

- ☒ A response to the Office action dated November 27, 2001
- ☐ A petition for extension of time and check for \$
- ☒ A check for \$664 to cover the fee for additional claims resulting from the response. The fee is calculated as follows:

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Total Claims Remaining after

Amendment:44

Less Highest Number of Total Claims

Previously Paid for:32

Difference12 × \$ 18 = \$ 216

Independent Claims Remaining

after Amendment10

Less Highest Number of Independent

Claims Previously Paid for8

Difference2 × \$ 84 = \$ 168

Multiple-Dependent-Claim Fee Required

after Amendment and Not Previously Paid \$ 280

Total of Above Calculations \$ 664

Less Reduction for Small Entity \$ 0

Total Due \$ 664

The Commissioner is hereby authorized to charge any other fees under 37 C.F.R. §§1.16 and 1.17 that may be required, or credit any overpayment, to our Deposit Account No. 03-1237.

Respectfully submitted,

A. Sidney Johnston

Reg. No. 29,548

CESARI AND MCKENNA, LLP

88 Black Falcon Avenue

Boston, MA 02210

(617) 951-2500

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/441,003
Filing Date	November 16, 1999
First Named Inventor	John Abedor, et al
Examiner Name	Nguyen, John
Group Art Unit	3653
Attorney Docket No.	112008-0027C1

TOTAL AMOUNT OF PAYMENT (\$) 664

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 03-1237
Deposit Account Name: Cesari and McKenna, LLP

☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Fee Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English Specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	128	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility Issue fee (or reissue)	
143	460	243	230	Design Issue fee	
144	620	244	310	Plant Issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	
101	740 201	370	Utility filing fee	
106	330 206	165	Design filing fee	
107	510 207	255	Plant filing fee	
108	740 208	370	Reissue filing fee	
114	160 214	80	Provisional filing fee	
SUBTOTAL (1) (\$)			0	

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
44	32**	12 x 18	216
Independent Claims	10	8**	2 x 84 = 168
Multiple Dependent		280	280

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	
103	18 203	9	Claims in excess of 20	
102	84 202	42	Independent claims in excess of 3	
104	280 204	140	Multiple dependent claim, if not paid	
109	84 209	42	**Reissue independent claims over original patent	
110	18 210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			664	

*or number previously paid, if greater; For Reissues, see below

SUBMITTED BY

Name (Print/Type) A. Sidney Johnston

Registration No. (Attorney/Agent) 29,548

Complete (if applicable)

Telephone (617) 951-2500

Signature

A. Sidney Johnston

Date

December 19, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OF COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



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Examiner: Nguyen, John

Art Unit: 3653

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Boston, MA 02210
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EXPRESS-MAIL DEPOSIT

"Express Mail" Mailing-Label Number: EL 705 607 091 US

The following papers are being deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

X Fee Transmittal Letter
X Amendment Transmittal
X Statement Under 37 CFR 3.73(b0)

X Check for \$664
X Terminal Disclaimer
X Amendment



#11
P. all
01/03/02

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Ampex Corporation

Application No.: 09/441,003

Filed: November 16, 1999

Entitled: SYSTEM FOR ESTIMATING TAPE PACK RADIUS USING A
KALMAN FILTER

Ampex Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application above by virtue of:

A chain of title from the inventors, of the patent application identified above, to the current assignee as shown below:

1. From: Inventors John Abedor and Kurt Hallamasek To: Ampex Corporation
The document was recorded in the Patent and Trademark Office at
Reel 8320, Frame 0274
in parent case Application No. 08/740,637, filed October 31, 1996, now U.S. Patent
No. 6,082,653, issued July 4, 2000.
2. Application No. 09,441,003, filed November 16, 1999 is a continuation of
Application No. 08,740,637, filed October 31, 1996, now U.S. Patent No. 6,082,653,
issued July 4, 2000.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

December 19, 2001

Date

A. Sidney Johnston
Signature

A. Sidney Johnston
Typed name

Assignee's Attorney of Record
Title

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